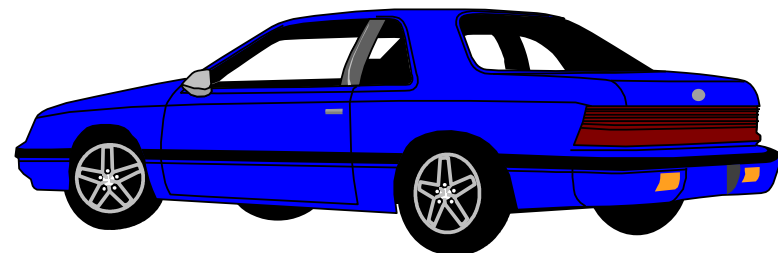
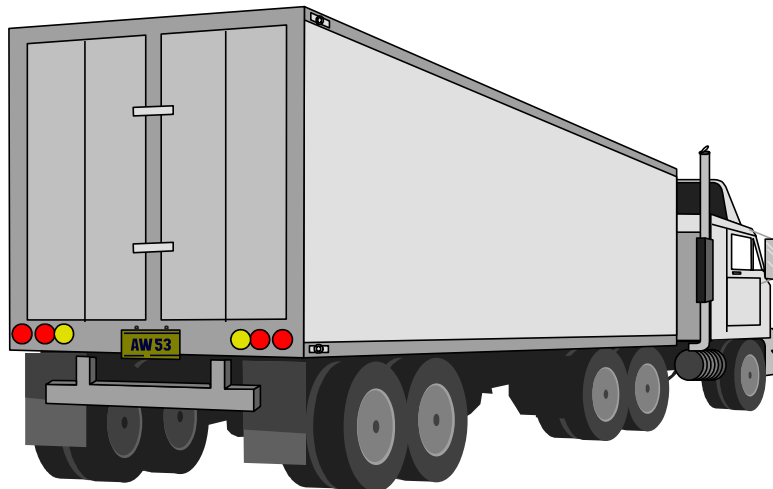
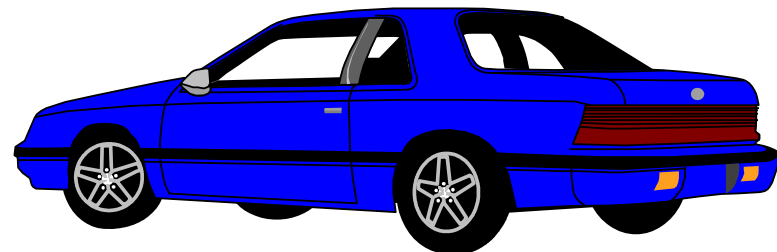


Driving Safety

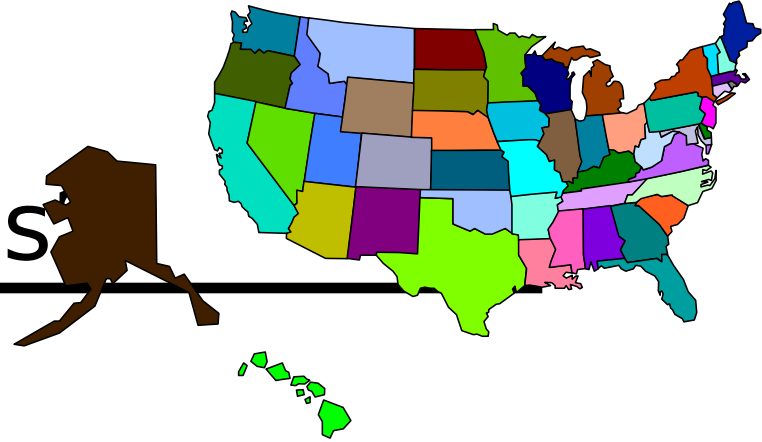


Driving Safety

- ◆ How safe are our roads?
- ◆ Driving injuries-on or off the job
- ◆ Unsafe acts behind the wheel
- ◆ Driving under the influence
- ◆ “Road rage”
- ◆ Unsafe conditions
- ◆ Vehicle safety features
- ◆ Did you know?



How safe are our roads



- ♦ 1995 data for the U.S.
 - 43,900 deaths
 - 5 deaths and 260 disabling injuries per hour
 - The # of deaths & # deaths/mile jumps in June, and peaks in August.
 - Friday (especially evening/night hours) has more fatal accidents than any other day

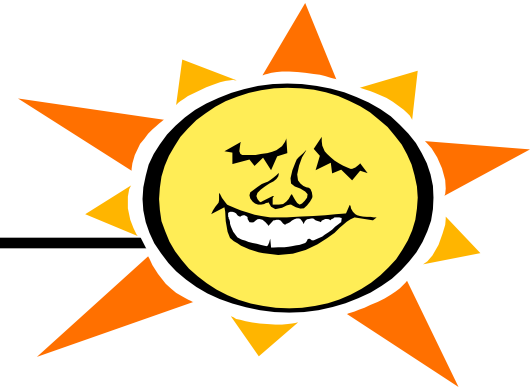
Maryland Drunk Driving Statistics and Facts

2003



- 66,000 12-17 year olds in Maryland drank alcohol in the past month.
- 37,000 - 12-17 year olds in Maryland drank 5+ drinks per day in the past month.
- 2,031,000 - adults in Maryland drank alcohol in the past month.

Maryland Drunk Driving Statistics and Facts



- 702,000 adults in Maryland drank 5+ drinks per day in the past month.
- 22,695 adults were arrested for DUI in Maryland.
- These numbers came from Drugs in Maryland: 2003 Update from the Center for Substance Abuse Research (CESAR)
- \$3.76 billion dollars are the estimated cost to Maryland associated with alcohol abuse.

Maryland Drunk Driving Statistics and Facts

- The approximate number of licensed drivers is 3.3 million.

- The average BAC level of offenders arrested is approximately .17.

Statistics kept on subsequent offenders are based on convictions and Probation Before Judgments (PBJ).

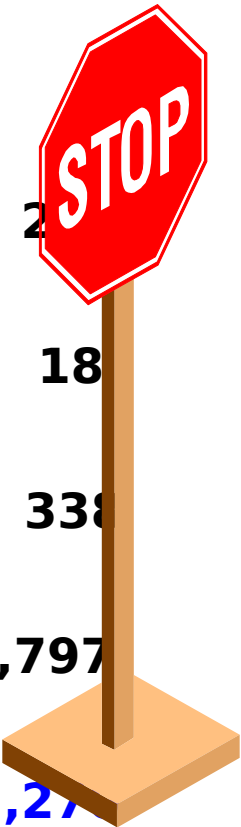
- According to the most recent information available, in 1996 there were 24,000 arrests for DUI.

Maryland Drunk Driving Statistics and Facts

Driving While Intoxicated Arrests

Below is a breakdown by age of the DWI arrests by all Maryland police agencies:

Age	1998	1999	2000	2001	2002
Less Than 16	37	28	28	18	25
16 - 17	340	382	321	338	372
21 & Older	22,375	23,264	22,478	20,797	21,158
Total	24,510	25,740	24,869	23,277	23,697



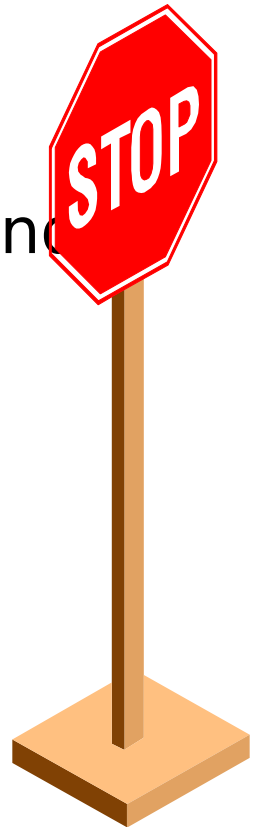
Maryland Drunk Driving Statistics and Facts

Source:

**Maryland State Police 2002 Annual Report -
Chemical Test for Alcohol Unit -
September 2, 2003**

- 320 juveniles were arrested for DUI in Maryland

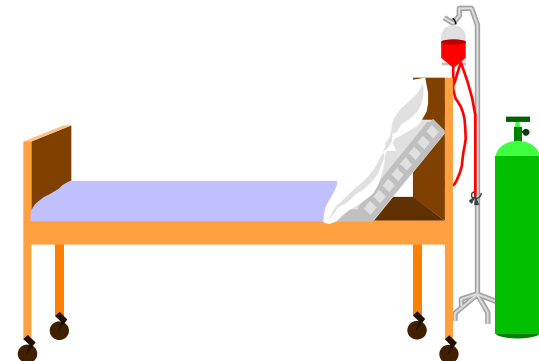
2002	2002	Percent
Total	Alcohol	Alcohol
Traffic	Related	Related
Deaths	Deaths	
659	265	40



Driving injuries - on or off the job

- ♦ The most hazardous environment
 - For most of us, whether on or off the job, it is on the road.
 - We face it daily.
- ♦ A recent report from an Allied Signal site:

A manager was beginning a business trip
Was driving from his house to the airport on the freeway
He was **shaving** and looking into the rearview mirror
He Saw (in peripheral vision) something cut in front of him and
reacted by steering to the right, driving off the freeway and
hitting
a tree
The result was luckily only a broken hip

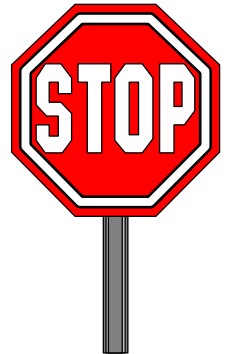


Unsafe acts behind the wheel

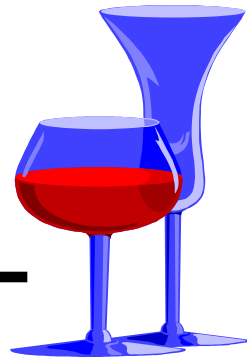
- ◆ Shaving
- ◆ Putting on make-up
- ◆ Reading a map
- ◆ Reaching behind you to admonish the kids
- ◆ Not using a seatbelt
- ◆ Driving under the influence
- ◆ Driving at an unsafe speed
- ◆ Failing to stop or yield
- ◆ Unsafe passing of another vehicle
- ◆ Tailgating
- ◆ Not using blinkers

**Though perhaps in a different category, eating when driving and using cell phones can compromise your response time by distracting you and by removing one hand from the steering wheel.*

◆ Can you name others?

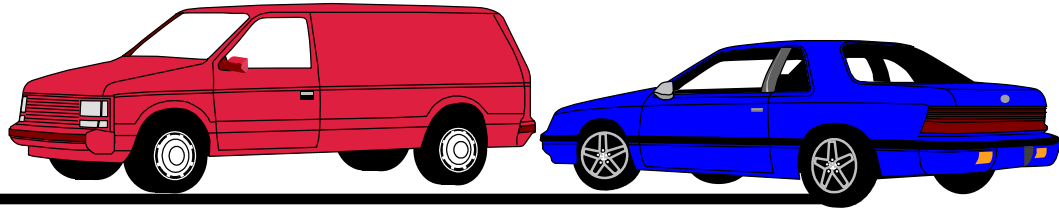


Driving under the influence (DUI)



- ◆ Alcohol was involved in 41% of all traffic fatalities in '94
- ◆ Sobering facts:
 - About 2 in every 5 Americans will be involved in an alcohol-related traffic accident at some time in their lives
 - Remember the one-one rule: one drink per hour (Your body takes about an hour to rid itself of each 1/2 ounce of alcohol)
- ◆ Progress in this arena:
 - A social stigma has been building against drinking & driving
 - Many social drinkers are being more responsible

“Road rage”



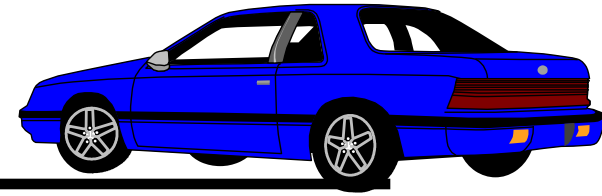
- ◆ Road rage is driving under the influence of too much anger.
- ◆ Provoked by:
 - Feeling endangered by someone else’s driving (another driver cuts you off or tailgates you).
 - Resentment at being forced to slow down
 - Righteous indignation at someone who breaks traffic rules
 - Anger at someone taking out their road rage on you
- ◆ Therapy for road rage:
 - Take a deep breath and just let it go!

Unsafe conditions

- ◆ Poor visibility
 - Night time driving
(Fatality rates/mile are 4 times higher at night.)
 - Dust storms
 - Rain storms
 - Windshield wipers not effective
- ◆ Poor road conditions
 - Slippery surfaces from weather
 - Road not properly maintained
- ◆ Improper vehicle maintenance
 - Inadequate brakes
 - Worn tread on tires
 - Hoses, belts
 - Inadequate acceleration
 - Headlight(s) out
- ◆ Can you name Others?

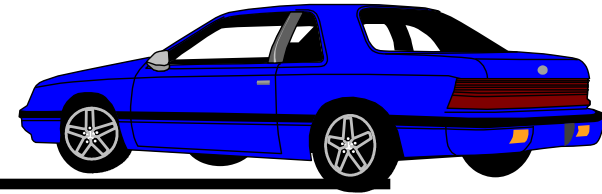


Vehicle safety features



- ♦ Daytime running lights
 - (Headlights that are on whenever vehicle is running)
- ♦ Lap/shoulder safety belts
 - Reduce risk of moderate-to-fatal injuries by approximately 50%.
- ♦ Air bags for driver & passenger
 - Combined with lap/shoulder belts, they reduce risk of fatality by another 10%.
- ♦ Side impact airbags
- ♦ Ability to disengage airbags
- ♦ Child safety seats
 - Note: Children in child seats should not be placed in the front seat of cars
- ♦ Anti-lock brakes
- ♦ Safety cages built into the vehicle framework
- ♦ If buying a new car, ask about side-impact collision data.
- ♦ Others?

Did you know?



- ◆ When driving on a road that is new to you:
 - Your eyes tend to scan the road from left to right which is an excellent driving habit.
 - We tend not to scan when in familiar territory.
- ◆ How closely can you safely follow another car?
 - We tend to follow based on how much of the road we can see
 - » A long hood causes us to follow at a greater distance (since you have to look over the hood to see the street).
 - » Drivers with shorter hoods tend to follow more closely
 - Use the 2 or 4 second rule
 - » Good driving conditions, keep a 2 second distance behind
 - » Poor driving conditions, keep a 4 second distance behind

DRIVE TO STAY ALIVE

SAFETY

- ♦ THE **#1** LEADING CAUSE OF “AT WORK” DEATHS IS VEHICLE ACCIDENTS.
- ♦ MOST OF US BEGAN DRIVING WHEN WE WERE TEENAGERS AND AFTER SO MANY YEARS, TEND TO REINFORCE POOR ROAD HABITS.

DRIVE TO STAY ALIVE

- ♦ Lousy Weather, Rush Hour Traffic, **and construction zones** are all challenges that require good driving skills. To help yourself stay **SAFE**, always wear your **safety belt**, and follow these next few tips!



TIPS FOR CONSTRUCTION ZONES

- ♦ Watch for road signs, workers, and detours.
- ♦ **Expect to encounter slow trucks and other construction traffic.**
- ♦ **Reduce your speed to stay SAFE.**



TIPS FOR RUSH HOUR

- ♦ **From 6:00 a.m. to 9:00 a.m.** drivers may be sleepy or trying to make up for lost time. Stay aware and try to get an early start.
- ♦ **From 4:00 p.m. To 7:00 p.m.** drivers may be thinking about getting home and work stresses. Don't let the cars around you control your driving. **RELAX** and adjust to a **SAFE** speed.



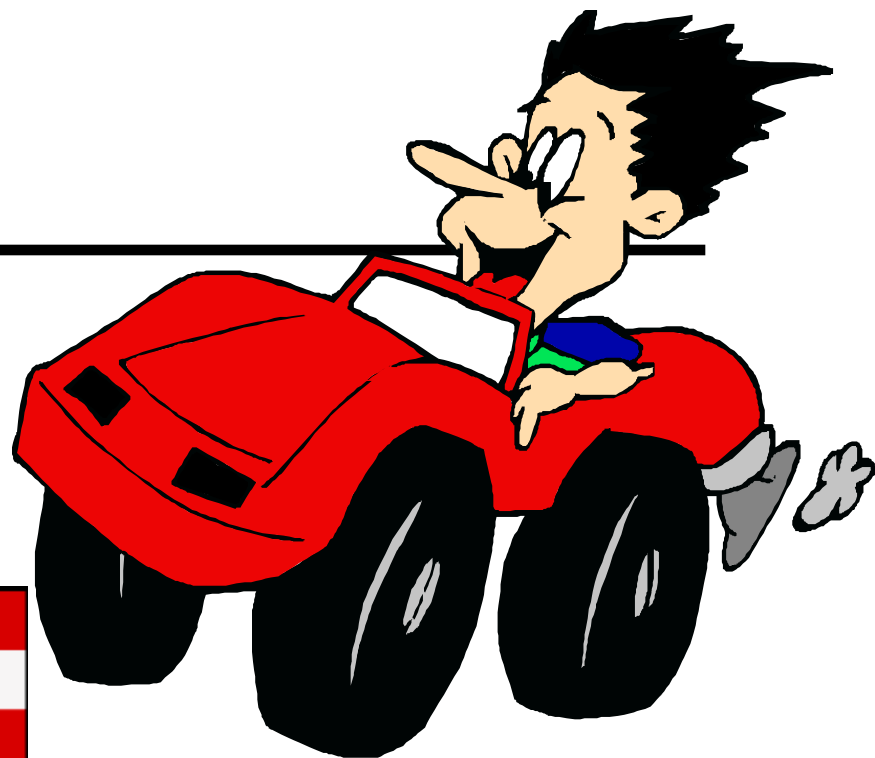
MAINTAIN YOUR VEHICLE

- ◆ Get regular oil changes and tune-ups.
- ◆ Fill the antifreeze in the winter and coolant in the summer.
- ◆ Maintain your breaks and shocks.
- ◆ Fill the wiper fluid and check the wipers.
- ◆ Check tire pressure and tread.
- ◆ Check lights and signals.



Drive safely to ensure
your family, friends and
yourself that you'll

return home **safely.**



**'Tis the Season -
But Please
Remember:**

**Friends Don't let
friends drink and
drive!**



DRIVING

★ Use defensive driving techniques, keep your guard up. Don't assume the other driver will do something.

★ Be careful using your cell phone while driving. Don't rush. **WEAR your SEATBELT.**

★ Give your vehicle a good check for possible problems. Plan your route and take frequent breaks.

MINIMIZE RISKS

MINIMIZE RISKS

MINIMIZE RISKS

★ Wishing you a SAFE and Happy Labor Day Holiday. Safety is simple, take the time, YOU, your family and friends are all worth that extra effort.